

PART B - FEE(S) TRANSMITTAL

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25763 7590 10/15/2004

DORSEY & WHITNEY LLP
INTELLECTUAL PROPERTY DEPARTMENT
50 SOUTH SIXTH STREET
MINNEAPOLIS, MN 55402-1498

11/16/2004 DENMANU2 00000109 10055186

01 FC:2501 685.00 OP
02 FC:1504 300.00 OP

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| | |
|-------------------------|--------------------|
| Barbara A. Avery | (Depositor's name) |
| <i>Barbara A. Avery</i> | (Signature) |
| November 12, 2004 | (Date) |

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/055,186 | 01/23/2002 | Peter J. Schiller | 14143 | 8462 |

TITLE OF INVENTION: PIEZOELECTRIC RATE SENSOR SYSTEM AND METHOD

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | YES | \$685 | \$300 | \$985 | 01/18/2005 |

| EXAMINER | ART UNIT | CLASS-SUBCLASS |
|------------------|----------|----------------|
| SWARTHOUT, BRENT | 2636 | 340-974000 |

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Dorsey & Whitney LLP

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Triad Sensors, Inc.

Minneapolis, MN 55447 (USA)

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
- ☒ Publication Fee (No small entity discount permitted)
- ☐ Advance Order - # of Copies _____

4b. Payment of Fee(s):

- ☒ A check in the amount of the fee(s) is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 04-1420 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

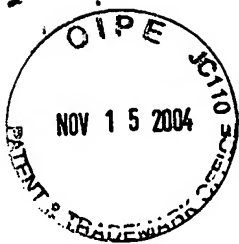
The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

*Min S. Xu*Date November 12, 2004Typed or printed name Min (Amy) S. XuRegistration No. 39,536

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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Docket: 14143

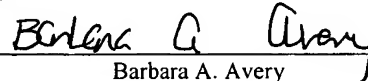
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | |
|-----------------------|--|-------------------------|
| First Named Inventor: | Peter J. Schiller | |
| Application No.: | 10/055,186 | |
| Filing Date: | January 23, 2002 | Examiner: Swarthout, B. |
| Title: | Piezoelectric Rate Sensor System and Method | Group Art Unit: 2636 |

LETTER SUBMITTING ISSUE FEE

Mail Stop Issue Fee
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

I hereby certify that this document is being sent via First Class U.S. mail addressed to: **Mail Stop Issue Fee**, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 12 day of November, 2004.


Barbara A. Avery

Dear Sir:

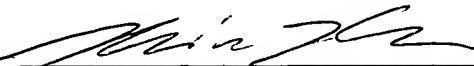
Pursuant to the Notice of Allowance mailed October 15, 2004, the above-identified application has been allowed and payment of the issue fee is now required. Enclosed are the following items:

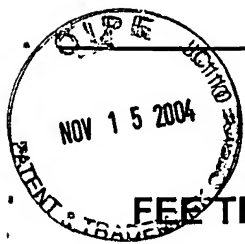
1. Part B – Fee(s) Transmittal (PTOL-85) (1 pg.);
2. Application Fee Transmittal (1 pg.);
3. Check in the amount of \$985.00 for payment of the Issue Fee (\$685) and Publication Fee (\$300); and
4. Return Receipt Postcard.

Respectfully submitted,

DORSEY & WHITNEY LLP
Customer Number 25763

Date: November 12, 2004

By: 
Min (Amy) S. Xu, (Reg. No. 39,536)
Intellectual Property Department
Suite 1500, 50 South Sixth Street
Minneapolis, MN 55402-1498
(612) 752-7367



**APPLICATION
FEE TRANSMITTAL SHEET
(FY 2004)**

Complete if Known

| | |
|----------------------|-------------------|
| Application No. | 10/055,186 |
| Filing Date | January 23, 2002 |
| First Named Inventor | Peter J. Schiller |
| Group Art Unit | 2636 |
| Examiner Name | Swarthout, B. |
| Atty. Docket Number | 14143 |

| METHOD OF PAYMENT (Check One) | | FEE CALCULATION (Continued) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------|--|------------------|------------------|------------------|-----------------|---|-----|-----|--|-----|-----|--|--|-----|---|---------------------|-------------------|-----|---------------|-------|--|-----------------|----------|-------|--|---|-----|-----|---|-----|-----|-----|--|---------------------------|-------|-----|---|---|---------------------|-------|--|--|-----|------------------|------------------------------|-----------------|-----|-----|------------------------|----|-----|-----------------------------------|--|-----|--------------------------|-----|--------------------------|---|-----|----|---|--|-----|-----|-------------------------------|--|----|----|---|--|-------|-----|--|-------|-----|-----|--|--|-----|-----|---|--|-----|-----|---|-------|-----|-----|------------------------------------|--|-----|----|----------------------------------|--|-------|-----|------------------------------------|--|---------------------|--|--|--|---------------------|--|--|--------------|---------------------------------|--|--|--------------|
| <p>1. <input checked="" type="checkbox"/> The Director is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account No.: <u>04-1420</u> Deposit Account Name: <u>DORSEY & WHITNEY LLP</u></p> <p><input checked="" type="checkbox"/> Charge any additional fee required under 37 C.F.R. 1.16 and 1.17 <input checked="" type="checkbox"/> Applicant claims small entity status (see 37 C.F.R. 1.27)</p> <p>2. <input checked="" type="checkbox"/> Check Enclosed</p> | | <p>3. ADDITIONAL FEES</p> <table><thead><tr><th>Large Entity Fee</th><th>Small Entity Fee</th><th>Fee Description</th><th>Fee paid</th></tr></thead><tbody><tr><td>50</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr><tr><td>130</td><td>65</td><td>Surcharge - Late nonprovisional filing fee or oath</td><td></td></tr><tr><td>180</td><td>180</td><td>Submission of IDS</td><td></td></tr><tr><td>40</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr><tr><td>110</td><td>55</td><td>Extension for reply within first month</td><td></td></tr><tr><td>420</td><td>210</td><td>Extension for reply within second month</td><td></td></tr><tr><td>950</td><td>475</td><td>Extension for reply within third month</td><td></td></tr><tr><td>1,480</td><td>740</td><td>Extension for reply within fourth month</td><td></td></tr><tr><td>2,010</td><td>1,005</td><td>Extension for reply within fifth month</td><td></td></tr><tr><td>770</td><td>385</td><td>Submission After Final 1.129</td><td></td></tr><tr><td>330</td><td>165</td><td>Notice of Appeal</td><td></td></tr><tr><td>330</td><td>165</td><td>Filing a brief in support of an appeal</td><td></td></tr><tr><td>290</td><td>145</td><td>Request for oral hearing</td><td></td></tr><tr><td>110</td><td>55</td><td>Terminal Disclaimer Fee</td><td></td></tr><tr><td>130</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr><tr><td>50</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr><tr><td>1,330</td><td>685</td><td>Utility/Reissue Issue Fee (including advance copies)</td><td>\$685</td></tr><tr><td>480</td><td>240</td><td>Design Issue Fee (inc. advance copies)</td><td></td></tr><tr><td>770</td><td>385</td><td>Request for Continued Examination (RCE)</td><td></td></tr><tr><td>300</td><td>300</td><td>Publication fee for early, voluntary, or normal publication</td><td>\$300</td></tr><tr><td>300</td><td>300</td><td>Publication fee for re-publication</td><td></td></tr><tr><td>110</td><td>55</td><td>Petition to Revive - unavoidable</td><td></td></tr><tr><td>1,330</td><td>665</td><td>Petition to Revive - unintentional</td><td></td></tr><tr><td colspan="2">OTHER FEE (specify)</td><td></td><td></td></tr><tr><td colspan="2">Subtotal (3)</td><td></td><td>\$985</td></tr><tr><td colspan="2">Total Amount of Payment:</td><td></td><td>\$985</td></tr></tbody></table> | | Large Entity Fee | Small Entity Fee | Fee Description | Fee paid | 50 | 25 | Surcharge - late provisional filing fee or cover sheet | | 130 | 65 | Surcharge - Late nonprovisional filing fee or oath | | 180 | 180 | Submission of IDS | | 40 | 40 | Recording each patent assignment per property (times number of properties) | | 110 | 55 | Extension for reply within first month | | 420 | 210 | Extension for reply within second month | | 950 | 475 | Extension for reply within third month | | 1,480 | 740 | Extension for reply within fourth month | | 2,010 | 1,005 | Extension for reply within fifth month | | 770 | 385 | Submission After Final 1.129 | | 330 | 165 | Notice of Appeal | | 330 | 165 | Filing a brief in support of an appeal | | 290 | 145 | Request for oral hearing | | 110 | 55 | Terminal Disclaimer Fee | | 130 | 130 | Petitions to the Commissioner | | 50 | 50 | Petitions related to provisional applications | | 1,330 | 685 | Utility/Reissue Issue Fee (including advance copies) | \$685 | 480 | 240 | Design Issue Fee (inc. advance copies) | | 770 | 385 | Request for Continued Examination (RCE) | | 300 | 300 | Publication fee for early, voluntary, or normal publication | \$300 | 300 | 300 | Publication fee for re-publication | | 110 | 55 | Petition to Revive - unavoidable | | 1,330 | 665 | Petition to Revive - unintentional | | OTHER FEE (specify) | | | | Subtotal (3) | | | \$985 | Total Amount of Payment: | | | \$985 |
| Large Entity Fee | Small Entity Fee | Fee Description | Fee paid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50 | 25 | Surcharge - late provisional filing fee or cover sheet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 130 | 65 | Surcharge - Late nonprovisional filing fee or oath | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 180 | 180 | Submission of IDS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | 40 | Recording each patent assignment per property (times number of properties) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 110 | 55 | Extension for reply within first month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 420 | 210 | Extension for reply within second month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 950 | 475 | Extension for reply within third month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1,480 | 740 | Extension for reply within fourth month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2,010 | 1,005 | Extension for reply within fifth month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 770 | 385 | Submission After Final 1.129 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 330 | 165 | Notice of Appeal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 330 | 165 | Filing a brief in support of an appeal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 290 | 145 | Request for oral hearing | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 110 | 55 | Terminal Disclaimer Fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 130 | 130 | Petitions to the Commissioner | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50 | 50 | Petitions related to provisional applications | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1,330 | 685 | Utility/Reissue Issue Fee (including advance copies) | \$685 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 480 | 240 | Design Issue Fee (inc. advance copies) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 770 | 385 | Request for Continued Examination (RCE) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 300 | 300 | Publication fee for early, voluntary, or normal publication | \$300 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 300 | 300 | Publication fee for re-publication | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 110 | 55 | Petition to Revive - unavoidable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1,330 | 665 | Petition to Revive - unintentional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OTHER FEE (specify) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Subtotal (3) | | | \$985 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Amount of Payment: | | | \$985 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>FEE CALCULATION</p> <p>1. BASIC FILING FEE</p> <table><thead><tr><th>Large Entity Fee</th><th>Small Entity Fee</th><th>Fee Description</th></tr></thead><tbody><tr><td>160</td><td>80</td><td><input type="checkbox"/> Provisional Filing Fee</td></tr><tr><td>770</td><td>385</td><td><input type="checkbox"/> Utility Filing Fee</td></tr><tr><td>340</td><td>170</td><td><input type="checkbox"/> Design Filing Fee</td></tr><tr><td>770</td><td>385</td><td><input type="checkbox"/> Reissue Filing Fee</td></tr><tr><td colspan="2">Subtotal (1)</td><td>N/A</td></tr></tbody></table> <p>2. EXTRA* CLAIM FEES</p> <table><thead><tr><th>Number Claims</th><th>Prior</th><th>Extra</th><th>Fee from Below*</th><th>Fee Paid</th></tr></thead><tbody><tr><td>Total</td><td>- 20</td><td>=</td><td>x</td><td>=</td></tr><tr><td>Indep.</td><td>- 3</td><td>=</td><td>x</td><td>=</td></tr><tr><td>Multiple Dependent Claims</td><td></td><td>=</td><td>x</td><td>=</td></tr><tr><td colspan="4">Subtotal (2)</td><td>N/A</td></tr></tbody></table> <p>*Calculation of Extra Claim Fees</p> <table><thead><tr><th>Large Entity Fee</th><th>Small Entity Fee</th><th>Fee Description</th></tr></thead><tbody><tr><td>18</td><td>9</td><td>Claims in excess of 20</td></tr><tr><td>86</td><td>43</td><td>Independent claims in excess of 3</td></tr><tr><td>290</td><td>145</td><td>Multiple dependent Claim</td></tr><tr><td>86</td><td>43</td><td>Reissue independent claims over original patent</td></tr><tr><td>18</td><td>9</td><td>Reissue claims in excess of 20 and over original patent</td></tr></tbody></table> | | Large Entity Fee | Small Entity Fee | Fee Description | 160 | 80 | <input type="checkbox"/> Provisional Filing Fee | 770 | 385 | <input type="checkbox"/> Utility Filing Fee | 340 | 170 | <input type="checkbox"/> Design Filing Fee | 770 | 385 | <input type="checkbox"/> Reissue Filing Fee | Subtotal (1) | | N/A | Number Claims | Prior | Extra | Fee from Below* | Fee Paid | Total | - 20 | = | x | = | Indep. | - 3 | = | x | = | Multiple Dependent Claims | | = | x | = | Subtotal (2) | | | | N/A | Large Entity Fee | Small Entity Fee | Fee Description | 18 | 9 | Claims in excess of 20 | 86 | 43 | Independent claims in excess of 3 | 290 | 145 | Multiple dependent Claim | 86 | 43 | Reissue independent claims over original patent | 18 | 9 | Reissue claims in excess of 20 and over original patent | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Large Entity Fee | Small Entity Fee | Fee Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 160 | 80 | <input type="checkbox"/> Provisional Filing Fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 770 | 385 | <input type="checkbox"/> Utility Filing Fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 340 | 170 | <input type="checkbox"/> Design Filing Fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 770 | 385 | <input type="checkbox"/> Reissue Filing Fee | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Subtotal (1) | | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Number Claims | Prior | Extra | Fee from Below* | Fee Paid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | - 20 | = | x | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Indep. | - 3 | = | x | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Multiple Dependent Claims | | = | x | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Subtotal (2) | | | | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Large Entity Fee | Small Entity Fee | Fee Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | 9 | Claims in excess of 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86 | 43 | Independent claims in excess of 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 290 | 145 | Multiple dependent Claim | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86 | 43 | Reissue independent claims over original patent | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | 9 | Reissue claims in excess of 20 and over original patent | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Submitted by:

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| Signature: | Reg. No.: 39,536 | Date: November 12, 2004 |